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AUG 08 2008

Page 2

Amendments to Claims

- 1-40. (Cancelled).
41. (Currently amended) A cathode comprising (1) ~~a liquid alkali metal; (2)~~ a liquid alloy of two or more metals selected from the group consisting of bismuth, lead, tin, antimony, indium, gallium, thallium, and cadmium; or ~~(3) (2)~~ an electrically conductive liquid solvated alkali metal.
42. (Cancelled).
43. (Cancelled).
44. (Previously presented) A cathode according to claim 41 comprising said liquid alloy.
45. (Previously presented) A cathode according to claim 41 comprising said electrically conductive liquid solvated alkali metal.
46. (Previously presented) A cathode according to claim 45 further comprising an organic solvent.
47. (Previously presented) A cathode according to claim 46 wherein said solvent comprises ether or aromatic compound.
48. (Previously presented) A cathode according to claim 47 wherein said solvent comprises naphthalene.
49. (Previously presented) A cathode according to claim 45 wherein said cathode is sodium/naphthalene/ethylene glycol dimethyl ether.
50. (Previously presented) A cathode according to claim 49 wherein said sodium/naphthalene/ethylene glycol dimethyl ether has a weight ratio of about 25:150:50.